

What is claimed is:

1. A tail cap for a flashlight, comprising:

a cap including an end wall, a cylindrical side wall having a rim and extending from the end wall to the rim, an open cavity defined by the end wall and the side wall, external threads about the rim and an annular channel adjacent the external threads;

a flashlight bulb having a plug, a bulbous lens and a flange between the plug and the bulbous lens;

a circular seal in the annular channel;

a resilient cylindrical body positionable within the open cavity of said cap to fit closely therein, said body including a slot to receive a flashlight bulb, the slot being inclined from a plane normal to any center line of the resilient cylindrical body and extending across said resilient body and sized to receive the flashlight bulb in interference fit, the slot having at least three sections, a first section to receive the flashlight bulb plug, a second section to receive the flashlight bulb plug flange and a third section to receive the flashlight bulb lens, said first section being defined by a wall substantially U-shape in cross section, the U-shape wall including ridges parallel to the axis of the slot, said second section being a channel in the body extending about the slot in a plane normal to the slot.

2. The tail cap for a flashlight of claim 1, the slot extending through the perimeter wall at each end of the slot.

3. The tail cap for a flashlight of claim 1, the seal being a one-way seal allowing flow from the threads across the seal.

4. A tail cap for a flashlight, comprising:

a flashlight bulb;

25 a bulb holder including a cylindrical resilient body having a peripheral wall, a slot to receive the flashlight bulb, the slot extending across the resilient body, being sized to receive the flashlight bulb in interference fit and being defined by a wall substantially U-shaped in cross section, the body having ribs extending in substantially parallel planes outwardly of the U-shape wall to and within the
30 peripheral wall, said U-shaped wall including ridges parallel to the axis of the slot;

a cap including an end wall, a cylindrical side wall having a rim and extending from the end wall to the rim, an open cavity defined by the end wall and the side wall, the open cavity sized to receive the bulb holder in interference fit, external threads about the rim, and a spring seat formed at the rim within the cavity.

35 5. The tail cap for a flashlight of claim 4, further comprising a contact spring positioned in the spring seat and extending from the rim.